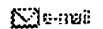


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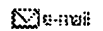
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Roussinov, D.; Crowston, K.; Nilan, M.; Kwasnik, B.; Jin Cai; Xiaoyong Liu;
System Sciences, 2001. Proceedings of the 34th Annual Hawaii International Conferen
3-6 Jan. 2001 Page(s):10 pp.
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Vol.E86-B No.6 pp.2035-2040	LETTER	Wireless Communication Technology	Performance Enhancement Scheme for Adaptive Antenna Arrays in DS/CDMA Systems	KyungSeok KIM		
Vol.E83-B No.1 pp.68-76	PAPER	Mobile Communication	Capacity Evaluation of a Forward Link DS-CDMA Cellular System with Fast TPC Based on SIR	Dugin LYU Hirohito SUDA Fumiyuki ADACHI		

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☐ 1. An Asynchronous Multiuser CDMA Detector Based On The Kalman Filter - Selected Areas in Communications, IEEE Journal on

Sep 1999

...DECEMBER 1998 1711 An Asynchronous Multiuser **CDMA** Detector Based on the Kalman Filter Teng...fits the code division multiple access (**CDMA**) system exactly, a multiuser detector based...INTRODUCTION CODE division multiple access (**CDMA**) cellular com- munications systems suffer...

[http://www.itr.unisa.edu.au/itrusers/lars/public_html/...]

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☐ 2. PRACTICAL SPACE-TIME RADIO METHOD FOR CDMA COMMUNICATION CAPACITY ENHANCEMENT

SCHERZER, Shimon, B. / ADAPTIVE TELECOM, INC., PATENT COOPERATION TREATY APPLICATION, Mar 1999

...downlink channel **information** is to use **feedback** from the subscriber...beamforming **information** comprising...embodiment for **CDMA** IS-95, downlink...traffic and **pilot** beams to prevent...wide- band **CDMA** communication...correlates the **pilot** signal of the...

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☐ 3. Interference canceller for a direct sequence CDMA receiver in a mobile radio communication system

Mizuguchi, Hironori / Yoshida, Shousei / Ushirokawa, Akihisa / NEC CORPORATION, EUROPEAN PATENT, Dec 1998

...searched path **information** indicative of...the multi-path **searcher**, the delaying...illustrated DS/**CDMA** type receiving...a multi-path **searcher** 10, a delaying...multiplexed with a DS/**CDMA** system and which...the multi-path **searcher** 10 searches the...searched path **information** indicative of...

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☐ 4. MULTIPATH PROPAGATION DELAY DETERMINING MEANS USING PERIODICALLY INSERTED PILOT SYMBOLS


FRANK, Georg / SCHULIST, Mathias / GRANZOW, Wolfgang / MAURER,

Re
US
fol
acc
ass
cel
sys
cel
cor
cor
dei
dei
dig
noi
pei
poi
sof
sq
tra
vor
Or
Al
r

Alexander / POPOVIC, Branislav / TELEFONAKTIEBOLAGET LM ERICSSON

(publ), *PATENT COOPERATION TREATY APPLICATION*, Dec 1999

...selection **information**. The reason why the **searcher** S also comprises...features of the **CDMA** system are...continuous **pilot** signal is...decision **feedback**. Prior Art...multiple **searcher** elements...optimal for the **CDMA** systems with...inserting **pilot** symbols...parallel working **searchers** must be provided...

Full text available at patent office. For more in-depth searching go to  LexisNexis
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5. No Slide Title

Mar 1999

...Detection with Low **Feedback** Delay (2 ms...of the WP-**CDMA** CCPCH (Common...TM Common **Pilot** for coherent...frame. 6 WP-**CDMA** Performance...Performance Fast **searcher**, fast neighbor...TM Common **Pilot**) 10 cells...TM Common **Pilot** WP-**CDMA**) Relevant...


[http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_02/Docs/...]

[similar results](#)

6. DIVERSITY RECEIVER IN A CDMA CELLULAR TELEPHONE SYSTEM

GILHOUSEN, Klein, S. / PADOVANI, Roberto / WHEATLEY, Charles, E., III / QUALCOMM, INC., *PATENT COOPERATION TREATY APPLICATION*, May 1991

...environment. The **searcher** receiver provides...differing paths. In a **CDMA** cellular telephone...cell. In the **CDMA** cellular telephone...transmits a "**pilot** carrier" signal...spectrum modulated **information**, such as cell-site...mobile paging **information** and various other...signals. The **pilot** signal transmitted...

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7. MOBILE STATION ASSISTED TIMING SYNCHRONIZATION IN A CDMA COMMUNICATION SYSTEM

WHEATLEY, Charles, E., III / TIEDEMANN, Edward, G., Jr. / QUALCOMM INCORPORATED, *PATENT COOPERATION TREATY APPLICATION*, Jul 1999

...priority of the **pilot**, the speed of...arrivals. The **CDMA** standards (IS-95...window "R". The **searcher** window sizes...response sets its **searcher** demodulator...searches for the **pilot** using a search...dropped calls. In **CDMA** systems in the...DEMODS) 54. **Searcher** 50 searches for **pilot** channels in...

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8. Method and apparatus for operating an indoor CDMA telecommunications system
Honkasalo, Harri / Honkasalo, Zhi-Chun / Sunay, Oguz / Ma, Lin / Nokia Corporation, *EUROPEAN PATENT*, Sep 1998

...access), and code division multiple access (**CDMA**), share the same available channel capacity...waste of available radio resources. In a **CDMA** system, multiple subscribers each use a channel identified by a unique digital code. **CDMA** provides several advantages over conventional...

Full text available at patent office. For more in-depth searching go to  LexisNexis
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9. MOBILE STATION ASSISTED TIMING SYNCHRONIZATION IN A CDMA COMMUNICATION SYSTEM

WHEATLEY, Charles, E., III / TIEDEMANN, Edward, G., Jr. / QUALCOMM INCORPORATED, *PATENT COOPERATION TREATY APPLICATION*, Apr 1999

...priority of the **pilot**, the speed of...arrivals. The **CDMA** standards (IS-95...window "R". The **searcher** window sizes...response sets its **searcher** demodulator...searches for the **pilot** using a search...dropped calls. In **CDMA** systems in the...DEMODS) 54. **Searcher** 50 searches for **pilot** channels in...


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10. CODE ACQUISITION IN A CDMA COMMUNICATION SYSTEM USING MULTIPLE WALSH CHANNELS

SKINNER, Gordon / HARMS, Brian / QUALCOMM INCORPORATED, EUROPEAN PATENT, Jun 1997

...acquiring **pilot** signals in...transferring **information** among a large...multiple access (**CDMA**) spread spectrum...system or user **information** signals...a common **pilot** signal as...to as a '**searcher** receiver...Receiver In A **CDMA** Cellular...acquire a **pilot** signal, the **searcher** receiver...

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